



Agenda Item No. _____

File Code No. _____

CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: June 3, 2008
TO: Mayor and Councilmembers
FROM: Transportation Division, Public Works
SUBJECT: Street Sweeping Status Report

RECOMMENDATION:

That Council receive a status report on the Street Sweeping Program.

EXECUTIVE SUMMARY:

A review of the City's Residential Street Sweeping Program from October 2001 to July 2008 follows, including information on mileage swept, neighborhoods, debris, and the final expansion of the program into the San Roque neighborhoods in July 2008.

It is the City's goal to regularly sweep as many miles as possible of the City's 476 "curb miles" of paved streets. A curb mile is a mile of sweeping adjacent to a curb on one side of a street. At present, 68% of the City's streets are in the Street Sweeping Program. Once street sweeping in the San Roque area is underway, 81% of City streets will be included in the program, and the expansion will be complete.

DISCUSSION:

Prior to January 2003, the City's Street Sweeping Program consisted of sweeping the commercial area streets using the City's street sweeper. With the passage of Measure B and creation of the Creeks Restoration and Water Quality Division (Creeks Division), the City implemented a pilot Street Sweeping Program (Sweeping Program) which began in January 2002. This program began in the Westside and West Downtown neighborhoods using a sweeping contractor.

Street sweeping reduces the amount of trash and debris in the streets that might otherwise end up in the storm drains and creeks. Since initiation of the pilot program in 2002, Measure B funds continue to support the Sweeping Program. On average, approximately \$160,000 per year in Measure B funds has supported the program since its inception.

Since 2002, Staff has implemented four expansions of residential sweeping, and will conclude with final expansion into the San Roque area in July 2008. At that time the total curb miles of City streets included in the Program will reach 389 curb miles, or 81% of our City streets. (See Attachment 1, Map of All Areas Included in the Sweeping Program.) The remaining 19% of streets are not possible to sweep due to their narrowness, mountainous, steepness, and/or lack of curbing. Staff estimates that 20,700 curb miles of sweeping will take place and 2,004 tons of debris will be removed from the streets during Fiscal Year 2009.

The commercial sweeping program currently cleans a total of 80 curb miles. Most areas are swept between 1:00 AM and 4:00 AM. Frequency ranges from five times per week for the busiest downtown core areas, to once per week for streets outside the core areas.

The table below charts the sweeping program's growth history from 2001 to 2008.

Sweeping Start Date	Area of Street Sweeping Program	Curb miles in area	Total miles at this time	Percent of streets swept
Before 2001	Commercial - Downtown Core and Arterial Routes	80	80 curb miles out of 476	16%
January 2002	Residential - Westside Pilot Program Area	55	135 curb miles out of 476	28%
October 2003	Residential – Eastside, Santa Barbara High, East of Milpas	49	184 curb miles out of 476	38%
October 2004	Residential - Upper Eastside, Samarkand, Upper Westside, West Beach	45	229 curb miles out of 476	48%
July 2006	Residential - Lower Mesa, Hidden Valley, Campanil Hill	54	283 curb miles out of 476	59%
July 2007	Residential - Upper Mesa, Bel Air	42.8	325.8 curb miles out of 476	68%
July 2008	Residential - San Roque	60.1	385.9 curb miles out of 476	81%

Debris Collection Variations around the City

In calendar year 2007, 1,755 tons of leaves, dirt, and trash was removed from streets by street sweeping and diverted from ending in storm drains, creeks, and the ocean. Attachment 2 lists debris yields in various areas.

In Westside residential areas where sweeping is done once per week, an average of 198 pounds of trash, dirt, and leaves is picked up per mile. In the areas where the Upper Eastside and Samarkand neighborhoods are swept twice per month and the rest of the vicinity is swept weekly, the amount of debris collected was 195.5 pounds per mile. In the areas swept only twice a month, debris ranged from 203 pounds per mile in the Lower Mesa area to 321 pounds per mile in the Upper Mesa west of Meigs. Six months of residential sweeping in the Upper Mesa and Bel Air vicinity provided enough time to determine average amounts of debris from those new areas. With weekly sweeping averaging slightly less than 200 pounds of debris per mile, and twice monthly sweeping's ranging from 203 to 321 pounds per mile, Streets staff is satisfied that the current sweeping frequencies are adequate for the amounts of debris generated in various neighborhoods.

In the commercial sweeping portion of the Program, the downtown core area is swept five nights per week, and an average of 168 pounds of debris per mile is collected. The arterial routes in the commercial areas are swept once per week and average 176 pounds of debris per mile. In 2007 a total of 1,698,000 pounds (849 tons) were removed from commercial sweeping. There are no significant changes in frequency of sweeping recommended, and staff is continuing to monitor sweeping debris levels.

Parking Restrictions and Citations

The goal of the Sweeping Program is to clean at least 80% of the curb on each block when the sweeper passes. Heavy daytime street parking has required the installation of parking restriction signs and enforcement in Westside and Eastside neighborhoods. Approximately 146 curb miles of the residential sweeping routes (including a few streets in the San Roque expansion area) have restricted parking, and approximately 80 curb miles in commercial zones are either in red curb zones or signed for restricted parking. In response to Council direction, Streets crews removed approximately 150 mid-block No Parking signs in the Westside while retaining the minimum number to support the enforcement efforts.

Street sweeping parking violations have been at similar levels for Fiscal Year 2006, Fiscal Year 2007, and Fiscal Year 2008. Parking citations for these violations carry a fine of \$40. The Police Department transfers \$32.50 of each paid \$40 citation to the Street Sweeping budget and forwards \$7.50 per ticket to the courts (required by law). The collection rate is about 80% according to Police staff. Approximately 35,265 sweeping parking violation citations were issued in Fiscal Year 2007. The number of citations expected to be issued in Fiscal Year 2009 is estimated to increase by approximately 1% due to added parking enforcement in the San Roque expansion area. Beginning in Fiscal Year 2009, \$4.00 of each paid citation will be retained by the Police Department to help cover their costs. This will reduce the revenue to the Sweeping Program by approximately \$100,000 per year.

Fiscal Year 2009 Expansion into San Roque Areas

The final planned expansion of the Sweeping Program is scheduled to begin in July 2008, which includes the remaining streets that are feasible to sweep. The 60.1 curb mile area includes San Roque from Miradero Drive on the east to Consuelo Drive on the west (near Hwy 154), and most streets between State Street and Foothill, plus the areas of Broadmoor Plaza and Richland Drive, South Ontare, and Peach Grove Lane. There are some large areas of County property with irregular boundaries between Hope Avenue and La Cumbre that contain 17 County streets, including a County owned portion of La Cumbre Road. County streets inside the San Roque area will not be swept. See the attached map (Attachment 3) for the boundaries and streets to be included in the Fiscal Year 2009 Expansion.

Fewer than 40 No Parking signs will be used throughout the expansion area on heavily parked streets to clear them of vehicles and allow the sweeper curb access. Signs will be placed on Via Lucero, San Remo, Broadmoor Plaza, Peach Grove, Osito Court, Codero Drive, Manderina Court, Artilla, (the latter four are cul de sacs off Peach Grove) and Miradero Drive. Of the 60.1 curb miles, only about 4 curb miles will require parking enforcement.

The first few blocks of streets crossing State Street will be swept at night on the commercial sweeping route (when upper State Street is swept) instead of being swept during the daytime. These include: the 00 block of E. Alamar, the 00 and 100 blocks of Calle Palo Colorado, the 00 block of E. Ontare, the 00 and 100 blocks of Toyon, the 00 and 100 blocks of Amapola, the 00 and 100 blocks of N. Hope, and the 00 and 100 blocks of N. La Cumbre Road.

The sweeping will occur twice a month. East of Ontare will be swept on second and fourth Mondays from 8:00 a.m. to 12 noon; west of Ontare will be swept on second and fourth Tuesdays from 8:00 a.m. to 12 noon. The even side of enforced streets will be swept on the second and fourth Mondays, and the odd side of enforced streets will be swept on second and fourth Tuesdays between 8:00 a.m. and 9:00 a.m. See Attachment 3 for schedule times and areas.

Staff notified all residents of the upcoming sweeping program and invited them to attend an outreach meeting held in January 2008. Approximately 30 residents attended and seemed pleased that their areas would be swept. Additionally, trees in the area needing pruning to allow headway for the sweepers are being trimmed by a contractor hired by the Parks and Recreation Department. Residents whose private trees overhang the curb have been notified by letter to prune their trees. Reminder notices of the sweeping schedules will be sent to all residents before sweeping begins, and enforced areas will have a one month grace period in which Parking Enforcement Officers will leave warning cards, not citations, on vehicles violating the new No Parking signs. The Police Department will begin issuing citations on August 11, 2008.

Night Enforcement Pilot Program

In November 2007 through January 2008, the Transportation Division and the Police Department conducted a pilot test of night enforcement of the commercial sweeping routes in the industrial areas of the Eastside, which are posted for No Parking from 1:00 a.m. to 4:00 p.m. on sweeping nights. The enforcement helped to increase sweeping efficiency as curb access improved as a result of issuing over 600 citations, and the program appears to have paid for itself, (the citation revenue should offset the expense of Police overtime). Staff will consider adding night enforcement in the commercial areas as part of the 2010 Fiscal Year budget.

Future Developments

A new layer is being created on the City's Geospatial Data Browser to show the street sweeping schedules. This will become the basis for providing sweeping schedules through the City's website. Staff has set a goal to have the new feature on the website by the end of Fiscal Year 2009.

The sweeping staff will continue to review the particulars of curb access and parked vehicles, debris amounts, citations, citizen complaints and requests, and make adjustments to the sweeping frequency and schedules to improve efficiency.

BUDGET/FINANCIAL INFORMATION:

As mentioned above, 2009 fiscal year projections show a drop in Revenue from Citations because a portion of the revenue from each paid citation will be transferred to the Police Department's to cover processing costs.

The additional four curb miles of enforced streets in the San Roque expansion area will be enforced two hours per month, and will slightly raise the number of citations written by approximately 1%. This estimation is based on the assumption that parking citation issuance will be similar to that of recent years.

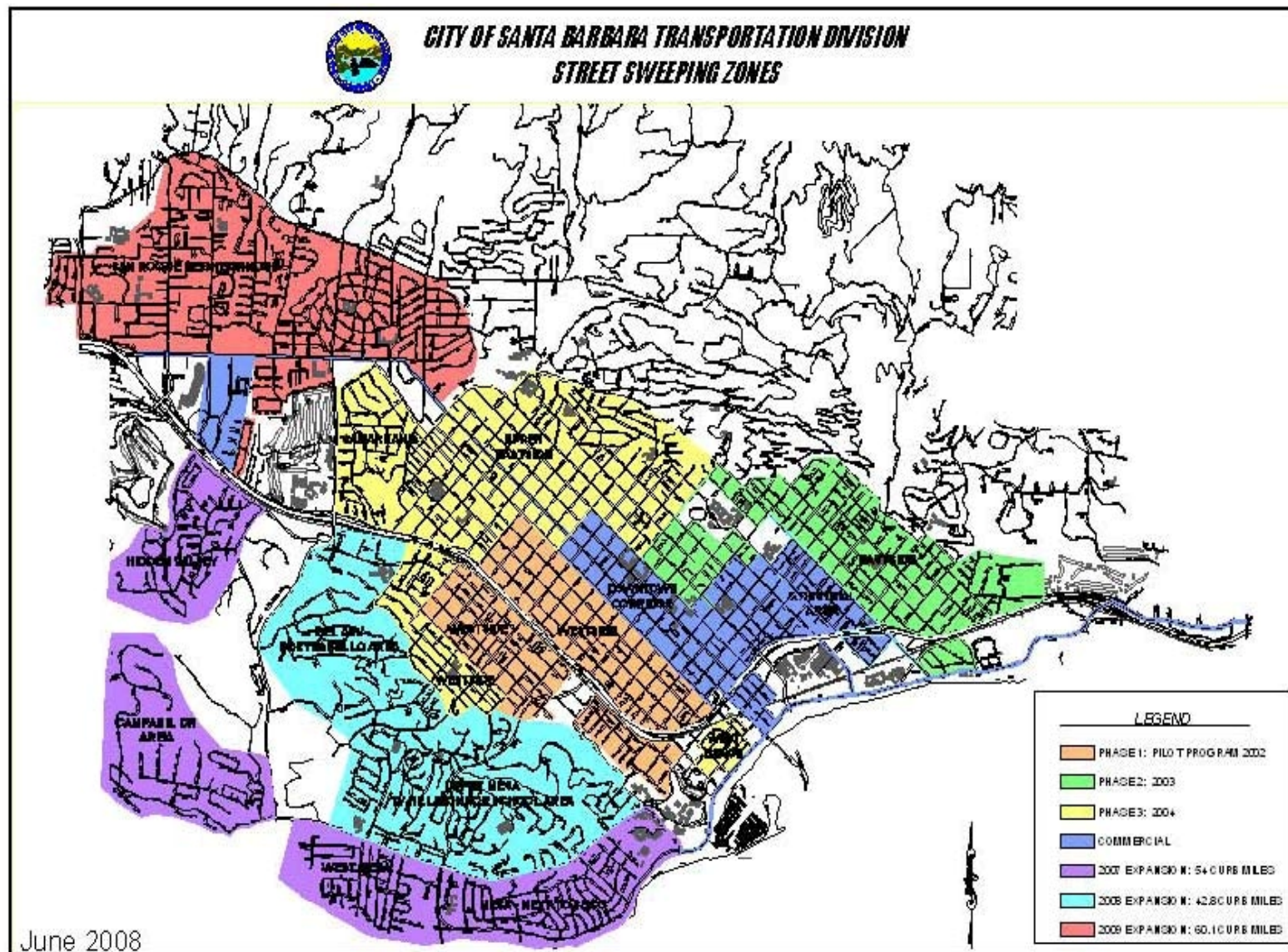
	Fiscal Year 2008 Estimated	Fiscal Year 2009 Estimated
Revenue from Measure B	\$ 167,188	\$ 172,203
Revenue from Measure D (Commercial)	\$ 150,000	\$ 150,000
Revenue from Citations	\$ 975,000	\$ 875,000
<i>Subtotals</i>	<i>\$1,292,188</i>	<i>\$1,197,203</i>
Operating Budget	\$1,105,000	\$1,187,308

ATTACHMENT(S): Attachment 1: Map of All City Areas in Street Sweeping Program
Attachment 2: Table of Debris Removed by Area in 2007
Attachment 3: Map of FY09 Expansion Areas (San Roque)

PREPARED BY: Browning Allen, Transportation Manager/RH/mb

SUBMITTED BY: Paul Casey, Acting Public Works Director

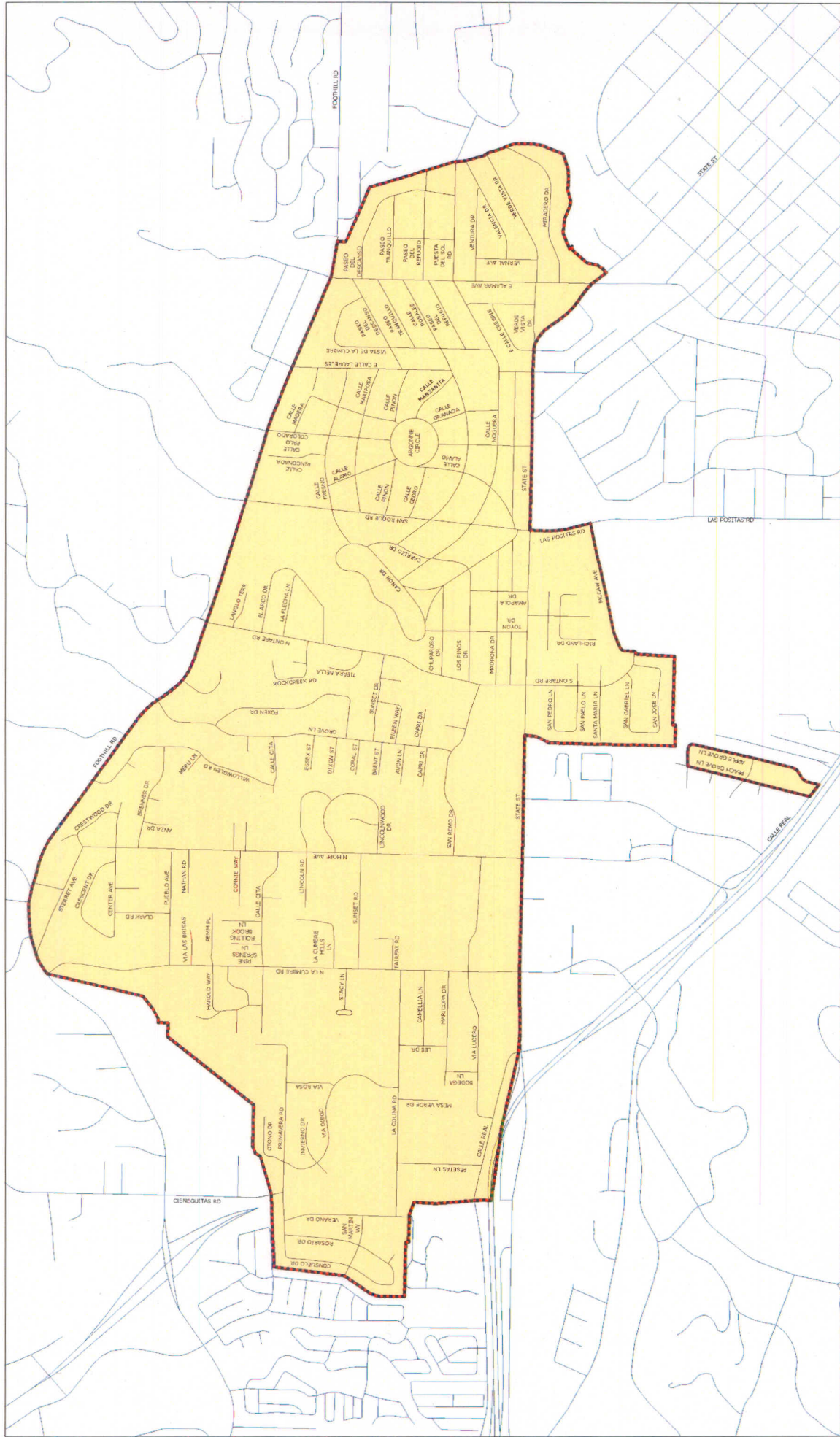
APPROVED BY: City Administrator's Office



ATTACHMENT 2

Debris Removed by Area in 2007

Residential Area	Pounds of debris per mile swept in area	Pounds of debris removed in 2007 (or as noted)	Sweeping frequency	Total curb miles of sweeping in 12 months of 2007 (except as noted)
Westside including West Beach	198 lbs.	720,000 lbs.	Weekly	3,647
Eastside and Samarkand	195.5 lbs.	658,000 lbs.	60% weekly, 40% twice a month	3,362
Upper Mesa - West of Meigs	321 lbs.	48,000 lbs. (6 mo.)	Twice a month	151 (6 mo.)
Upper Mesa - East of Meigs	290 lbs.	48,000 lbs. (6 mo.)	Twice a month	165 (6 mo.)
Bel Air and Portesuello area	242 lbs.	34,000 lbs. (6 mo.)	Twice a month	137 (6 mo.)
Hidden Valley, Campanil Hill and Braemar Ranch Road area	213 lbs.	148,000 lbs.	Twice a month	695
Lower Mesa (south of Cliff Dr.)	203 lbs.	156,000 lbs.	Twice a month	772
Totals	Average = 203 lbs/mi.	906 tons = 1,812,000 lbs.		8,929 curb mi



Legend
Sweeping Zone
Streets

San Roque Neighborhood Sweeping Zone